

Amateur TRW radio Club WB6WPO

cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

Vol. VIII, No. 5

May 1974

WAC
WAS
DXCC
FD'71
FD'73



TRW/ARC Weekend Nets	10AM/PM PDT
Primary	7.280 MHz
Alternate	3.980 MHz
Novice	7.140 MHz
Simplex	147.510 MHz

May Evening Meeting Reminder

Wednesday 6 - 9:30 PM

- Programme:
- o Social Hour
 - o Steak Dinner
 - o Speaker W6KW --
John Griggs ARRL Dir
 - o Door Prizes

QTH: Alondra Club May 29th
16411 Prairie \$5.50 ea

FIRST DINNER MEETING FOR 1974 TO FEATURE GUEST SPEAKER.....W6KW

By popular demand, Frank Cartier, WA6RAY, has scheduled TRW/ARC's first evening meeting for Wednesday, May 29th.

One of the main features of an evening meeting is to remove the time constraints that most of us feel from the usual noon-time monthly meetings, and gives an opportunity for many members on short lunch hours and our associate members to be able to become involved in club meetings.

We are pleased to have John R. Griggs, W6KW, join us as guest speaker (see p.3).

Coming Events Calendar

June 22-23rd Field Day '74
June 26th Ham Equip Auction
July 31st 2 M Freq Synthesis
Nov 16th Annual HamFeast

From Novice to Extra Class in 15 Months!!!

Front page honors and a very hearty congratulations from everyone in the club go to Neal Hudson, WA6VCZ, this month. He has just completed his rapid climb to the coveted EXTRA license with the successful completion of his FCC exam at the end of April.

It all started 15 months earlier when he earned his Novice license. From there it was a combination of study, on the air experience and constant code practice, and the TRW/ARC licensing classes that enabled him to reach his goal with apparent ease.

Neal was born in San Pedro in 1941, is a graduate of LA Trade Tech, and also (see p.3)

Neal Hudson, WA6VCZ



Photo by W6KQI

From The President's Desk

John P. Kemper, W6SCO. Once again, on behalf of all of the TRW/ARC members, I would like to express our thanks for the very informative presentation at our April club meeting on FAA Communications Management. John, who is Chief, Frequency Management, with the FAA, Lawndale Western Region Headquarters, also holds the very distinctive honor of having received the #1 issue of the Amateur EXTRA Class license, when they first became available.

AMSAT. As indicated in the last issue of the CrossTalk, TRW/ARC is now affiliated with AMSAT, and we are looking forward to the club's active participation in its future activities as well as on the air contact via OSCAR.

Ed Arnn, WA3FVG, advises me that he has some low-cost hardware ideas for linking up with the OSCAR's, and of course is planning again this year to have a ground station on our Field Day Site to work OSCAR.

Any member of TRW/ARC who is so motivated to assist in TRW/ARC's establishment of a ground station are urged to contact Ed or myself. We have extra copies of applications for AMSAT for those who wish to join directly as a participating member.

TECHNICAL CONSULTING. Over the many years that I have been associated with TRW/ARC, one thing that I have been aware of and have wished that I could do something about is in the area of providing technical consultation for our less experienced members, or even some of us olde timers who from time to time run into a technical snag, where just being able to compare notes and symptoms with someone would be a help in fixing the problem. I would like to propose a pool of "experts" be formed to be of assistance to other members in need.

From The President's Desk (cont'd)

In the same manner that our course instructors in radio theory and code can assist the beginner, I believe being a technical consultant can be an aide to the amateur struggling with a technical problem.

If you would like to provide assistance to your fellow radio amateur, and feel competent in any of the following areas (antennas, af/rf amplifiers, transmission lines/matching, semiconductors, etc.), then please don't hesitate to contact me.

Paul Weiss, K6YQ. We had the pleasure to visit briefly with Ex-Pres, K6YQ, the other day during his visit back to Space Park. He is still on TDY (Temporary Duty) in the Washington, D.C. Area, and hopes to return with his family to the South Bay Area after the 1st of August.

Paul has not slacked off on his interest in amateur radio although still on a very heavy work schedule, and informs us that he is indeed planning to participate on Field Day again this year but this time it will be with the Sterling (Virginia) ARC. They will be competing in class 6A, and so we can wish Paul and them all the luck in the world since we will again be in 5A!!

Carl Rothrock, W6MYC. Another club member that is seldom seen or heard from here at Space Park is our club trustee and long time member, Carl "Rocky" Rothrock. We regret to report that due to many physical infirmities, that he has been on continued sick leave since last November, and that it looks like he'll be going on long term disability and be unable to return to full time work status in the Metrology Department.

FIELD DAY '74. Field Day comes early this year. Once again, I am looking forward to participating in this annual contest. Bill Dews, K6AWO, has the awesome responsibility of planning and coordinating all of the many details that go to making this event a success. Come join us "on the hill"!!!!

73's,

Frank
WB6GBC

ARRL Director -- John R. Griggs, W6KW

John R. Griggs, W6KW, has a background in amateur radio that ranges from the days of the spark gap transmitter to the current satellite age. He is a retired electronics engineer and has been continually licensed since Nov '22.

He became interested in improving the League's membership affairs before and after World War II and was elected Director of the Southwestern Division for the period of 1949 thru 1954, whereupon he declined to run again for the office. Some 12 years later he was again urged to run for office, and has been in that office since Jan. 1, 1967.

He has functioned effectively in bringing about League interest in such areas as RTTY and FM Repeaters, and was the first ARRL Director to adopt the policy of sending out membership bulletin, a practice now followed by the majority of ARRL Directors.

A resident of the Morro Bay area, John is active on 2 thru 80 meters in FM, SSB and CW; he holds an Advanced Class FCC license.

John R. Griggs, W6KW



ARRL Southwestern Division Director

Neal Hudson, WA6VCZ (Cont'd from p.1)

holds a First Class Radio Telephone ticket.

Neal joined TRW Systems in 1967, and works in the RF/Microwave Section of the Metrology Department. He says that he had always been interested in becoming a hamerrrr, an amateur radio operator, and it was Al Lee's licensing classes that got him his start in the hobby.

His shack equipment includes the Drake Line R4C/T4XC and a Heath HW16 Transceiver. For the antenna farm, he has a TH6DXX @ 35', a 14AVQ, and a 200 foot end-fed long wire.

Neal is active on all bands from 160 thru 10 meters SSB, AM and CW. He prefers 10 and 15 Meters and is still trying for the 6 band WAS. For those on the Saturday morning net, they'll note that Neal is an active participant.

For extra curricular activities, Neal has participated in the amateur nets on the Baja road races, has assisted in TRW/ARC code classes, and is always in the middle of activities on the hill come field days.

Training Classes

by Al Lee, W6KQI

With the conclusion of the general class course, and the extra class course finishing in a few weeks, we should have several new calls or upgraded licenses in the club.

Already, Neal Hudson, WA6VCZ, has passed his EXTRA, Chuck Davis, WA6BDL, has passed his ADVANCED, and Ron Young, WN6DNE, has acquired his NOVICE call and has also completed the GENERAL course. Congratulations!!!

Many thanks are extended to the instructors Wade Walstrom, WA6TXE, to Frank Cartier, WA6RAY, to Ed Arm, WA3FVG, and to Gregg Loegering, WA6SMS, for their time and efforts to make the program a success.

Another TRW/ARC licensing course is also being contemplated in the near future. We plan to present a Novice/Technician class course, which means 5 wpm code speed and general class level theory. We feel that there would be wide spread interest for this next class. Contact me if you know anyone interested in our next class.

Treasurer's Report

by Susan Kennedy, WN6TXV

Balance on Hand April 4, 1974 \$394.30

Receipts

Credit Union (dividend)	\$4.05
Dues (renewal)	16.00
Dues (new)	2.00
	<hr/>
	\$22.05

Expenses

TRW ECU (rig loan)	\$20.00
Door Prizes	4.25
AMSAT Dues	5.00
	<hr/>
	\$29.25

Balance on hand May 9, 1974 \$387.10

Lost and not Yet found:

3 - 100 foot, black, three conductor, 110 VAC power cables, last seen in the TRW/ARC Shack, urgently required for Field Day 1974. Will the borrower please contact Bill Dews, K6AWO, Field Day Chairman, or Wayne Hale, W6IZK, the power generation chairman for field day who has to wire us all in!

Wanted:

To borrow a manual for the Hammarlund HX-50...contact Frank Mullen, x53313.

Ham Swapmeet & Fleamarket

The Marina ARC is sponsoring a Ham Swapmeet & Fleamarket, to give all the local hams a chance to unload (or purchase) some white elephants.

Time: Sunday July 14th, 1974

Place: Behind the Chevron Service Station
12801 Crenshaw Blvd
Hawthorne, Calif.

Purpose: Funds to support the Marina ARC 220 MHz Repeater

Cost: Free to buyers, spaces are \$3.00 non-comm'l and \$5.00 comm'l

Contact: Bill Bubinski, WB6GOL 326-9401 (9 AM to 5 PM)

Frank Portune, WA6BCO 328-7153 (nites)
679-7644 (days-7AM-3PM)

MEMBERSHIP -

The bulging membership mailbox has delivered again! A septuple: six lads and a lass! Our hearty greetings to:-

- | | |
|----------------------------------|------------------------------|
| 1. WA3JWL/6 - KENNETH ARCK. | 5. NONE - MARION N. FISK. |
| 2. WA6TDU - JOHN (JACK) BURTON. | 6. NONE - DANIEL J. MULEADY. |
| 3. NONE - ROSCOE (RON) L. BROWN. | 7. WB6PSW - WOODY ORNELLAS. |
| 4. W6QDP - BILL DAGUE. | |

KENNETH (WA3JWL/6) has been a ham for seven years, has a general license and is with Signal Electronics in Torrance. He has designed and built what is seemingly a very successful power amplifier of 29 watts. His main interests are construction, VHF and antennas. He expresses a desire to participate in local events and contest activities and would like to see the Club involved in OSCAR and an OSCAR ground station.

JACK (WA6TDU), licensed fourteen years, has a technician license. He is a MARS member; is interested in VHF and above; owns 6-meter and 2-meter equipment (wonder if our Field Day Chairman is tuned in!!!). He would like to see the Club "Running the F.C.C." (Food for thought???)

RON (NONE) is new to ham radio, but is avidly interested in becoming involved. His main areas of interest are DX and VHF (FM); is affiliated with a radio control club; would welcome any and all information relative to ham radio.

BILL (W6QDP) is an O.T., of 20 years licensure; has a general license and is a local lad from Redondo Beach. He prefers lunchtime club meetings.

MARION (NONE) - but lists both portable and fixed equipment. Is it possible that we have a self-confessed bootlegger here??? Hi, Marion!

DAN (NONE) - another newcomer to ham radio. A young man of sixteen, he hails from Manhattan Beach, is an aircraft enthusiast and is interested in electronics. I am sure Dan, also, would welcome any information relative to ham radio members can offer him.

WOODY (WB6PSW), licensed 19 years, has a general license. His main interests revolve around circuit design and amateur TV., and, of course, his SWAN 270B rig. He prefers lunchtime meetings "in M5/R6." Woody would like to see the Club involved in construction projects and contests.

Does this rapid expansion of our membership rolls indicate that we shall have a bumper attendance on our fast-approaching Field Day - SATURDAY, JUNE 22 to 23?

QUA more prospective members?

FRANK J. MULLEN WA6RJF
Membership Chairman.

Secretary's Report

by Joel R. Wineman, WA6WRB

The Executive Board meeting was called to order at 1205 on May 15, 1974, in E1-3068. Present were: Cartier, Halligan, Lee, Newhoffer, Saunders, Trapp and Wineman.

Old Business - AMSAT. Halligan announced the \$5.00 balance of the club's AMSAT membership dues was paid.

WB6WPO Rig. Thanks to Nelson Hayes, W6VBB, the club's Swan Transceiver has been refurbished and is back on the air.

Shack Party. The shack party on April 20 was a small success, four people showed up to do the work. The shack as been cleaned up and unused TRW owned equipment has been sent to surplus. Another shack party will be scheduled to complete the job.

Field Day. Field Day activities are underway:

- o A letter has been sent to the ARRL for our FD application (5A)
- o Permission for use of the TRW generator, truck and misc electrical gear has been granted
- o Confirmation for use of the Naval Fuel Depot site was recv'd.
- o Field Day Insurance rider has been received.

Equipment Removal. If equipment is to be removed from the shack, a PMA must be used to document the round-trip move, and permission must be obtained from the Activity Mgr or President, who will also coordinate approval of the PMA (Property Move Authorization).

New Business - License Renewal. Halligan stated that the club should receive it's station license renewal in time for field day. Halligan and Rothrock recently coordinated the effort to expedite the renewal.

Shack #2. TRW Health and Safety is investigating the present use of the M1 Lobby for Shack #2. Ted Carter has been fielding questions with regard to the station located there, which is the focal point of TRW/ARC's RACES activity.

Ex-Pres Heard From. Paul Weisz expects to be back at Space Park in early August after an extended TDY to the Washington, D.C. area. Paul will be participating field day with the Sterling ARC, Va.

W6KW. Cartier announced that John Griggs, W6KW, ARRL Director, will be guest speaker at the May Evening Dinner Meeting. The meeting will start at 7 PM, Wednesday, May 29th, with the social hour starting at 6 PM. The QTH of the dinner meeting was still to be determined. Door prizes will be offered on the basis of one ticket free, and as many additional tickets as one may wish to purchase for a price to be determined. Al Lee to handle the ticket sales.

The meeting adjourned at 1310.

*It has been said.....that for every man with a new idea.....
there are 1000 willing to stand and guard the past.....*

Field Day '74 Notes by Bill Dews

June 22-23 should already be marked on your calendar. That's the date of the TRW/ARC annual participation in the ARRL Field Day Contest.

Bill Dews, K6AWO, is Chairman-in-charge of all of the many activities that go together to make this annual event a success.

There will again this year be a special field day bulletin put out in mid-June giving all the detailed information you will need, including maps on how to get to the Navy Fuel Depot, San Pedro.

Bill indicates that setup time will begin at 9AM, on site to begin setup of the five station (Class 5A) operation.

Food will be furnished free of charge, as in past years beginning with noon Saturday, and continuing thru noon on Sunday. And of course there will be plenty of liquid refreshments to keep you cool.

For planning purposes, please fill out the pre-registration sheet for Field Day found at the end of this issue of CrossTalk and mail it now to K6AWO!!

The major effort of planning and getting it all together go to the team captains listed below, if you are not yet on one of the teams, please call a team captain and let him know that you can help.

Name	Activity	Telephone
Gleed	20 SSB	X62507
Reed	75/15 SSB	261-7951
Hume	40 CW	X53262
Cartier	40 SSB	X53446
Heydon	20 CW	X52061
Lee	80/15 CW	X61673
Hale	Generator	X62484
Kennedy	Food	X51870
Gilmore	VHF	X53380

The antennas will have all been checked out for operation and hardware replaced from last Field Day. Just show

Field Day '74 Notes (cont'd)

up with "old clothes" and shoes, as we literally are in the field for 30 hours. There is no shade, so be sure to bring a hat.

The Field Day stations will start contacts at 1200 noon local time, and will continue for 24 hours straight, if the generator and all else keep working...hi!! Plan to work and have fun, too. I'm sure we will have openings for operators and loggers as in past field days, especially the midnight to 8AM shift (Editor's note: For those who can't stand the pressure or are new to the contest, I recommend those hours where things are somewhat more relaxed and the points are still "out there" to be gotten!!)

Oh, one last comment!!!! Dick Treece, K6RT, has graciously volunteered to handle the details on "Environmental Protection"..... that means we have a portable-potty lined up from a local firm for Field Day weekend. Use it.....it's costing the club \$39.75, and we might as well get our money's worth!!!

From the Editor's Desk by WB6GBC

Licensing Fees. Since the CrossTalk was published last month, we have found out that the licensing fees have not yet gone up by that \$1, as originally proposed.

The Editor's Prize

As noted in the President's column of the CrossTalk in this issue, our ex-Prez, Paul - K6YQ will be participating with the Sterling ARC. Therefore to add a little zest to the 1974 Field Day Contest, we are offering two bottles of Cold Duck to the TRW/ARC Field Day Participants to the first person who has a confirmed contact with Paul on SSB or CW (one for each).

As soon as we hear from Paul, we will pass along the call that he will be operating under. Remember, you must work Paul personally.

Los Angeles Herald-Examiner, Saturday, April 13, 1974

Operators Play Key Role in Tornadoes

By RAY MEYERS-W6MLZ

Amateurs throughout the Midwest, the South and Canada have been doing yeoman work these past two weeks as a result of the many tornadoes that have ravished towns and cities in those areas.

In most cases, telephone lines and power services were badly damaged as a result of the terrifying winds. Naturally the amateur, with his mobile units or emergency power supplies at home stations which still had radio antenna standing, or with rapidly built emergency aerals, as a boon to residents within the stricken areas, or nearby towns, where emergency units were being formed to do rescue work.

By mutual agreement with the Amateur Radio Fraternity and the Red Cross, most amateurs, especially those affiliated with the American Radio Relay League, Amateur Radio Public Service Corps or the three major Military Affiliate Radio System (MARS), were on the job and ready to go to work providing communications required within minutes after the tornadoes struck.

Emergency "traffic handling" is a routine matter for the experienced radio amateur. For the new comer, all that he, or she, needs to do in order to obtain some accurate procedures for handling this type of traffic is to write to the American Radio Relay League, 315 N. Main St., Newington, Conn. 06111, and ask for the booklet on "How to Operate an Amateur Station." A self-addressed stamped envelope will bring rapid results.

One of our amateur radio operators here in the Southland, and one who is well acquainted with Emergency Traffic handling is Ron Wenstrom-KL7HCN-6, an air traffic control specialist for the Federal Aviation Agency who is here at Los Angeles Airport.

Ron, as his "KL" call sign indicates, is licensed in Alaska and has been located here in the Los Angeles area for some time, but hopes to return to Alaska shortly, provided, of course, that his bid for duty in the far northwestern part of our continent is approved.

During Hurricane Camille a few years ago, Ron acted as net control of the Disaster Net for several hours. At that time he was employed by FAA in Cedar City, Utah. His service with the Net came during a period when he was at home

with his wife. Had he not had to return to his official duties with FAA, chances are that he would have stayed with the Net for hours more, or possibly days should his services have been needed.

Another interesting bit of emergency traffic handling occurred up in Alaska. He received a call from a fellow amateur indicating there was a fatal shooting on Fletchers' Ice Island. He and another amateur who operated the U.S. Coast Guard's Amateur Radio Club station at Sitkinak Island responded to the call, and the pair was responsible for bringing assistance to the scene by aircraft. All of this exchange of communication was performed on the 20 meter band, which is rather unusual for that particular band is normally open only to long range contacts.

Although no emergency traffic was involved, Ron, while stationed aboard the Research Ship ELTANIN, operated his amateur equipment with both a Chilean call of CE-Zero-ZI and KC4AA, which was issued by our Government as a station operating in the region of the South Pole.

These two calls were used by Ron for a period of about two years, and it gave him a lot of satisfaction knowing that he, and the crew, were able to talk to folks back home while operating amid the South Polar ice fields.

He and his wife, Tee, are looking forward to returning to Alaska where they have spent many happy hours. You may be sure that if his transfer is approved that station KL7HCN will be on the air within a few hours after arrival.

At present Wenstrom operates on all of the Medium High Frequency bands from 10 to 80 meters. In addition, he has a two meter FM station capable of working many stations through the numerous repeater stations located throughout the Southland. He enjoys either voice, code key or radio teletype means of communications using any of his station transmitter-receiver combinations.

KL7HCN is like many of our unsung amateurs who are on the job during man made or natural disasters. However, when one views the various TV scenes made at disaster areas, it will probably show some public service employee attempting to string new power, telephone, or telegraph wires in order to restore normal communications. Seldom will there ever be a mention of the group of men and women, boys or girls, all of whom hold amateur radio licenses, who are providing emergency radio communications until regular facilities have been restored.